

Catawba County
Department of Utilities and Engineering

EROSION AND SEDIMENTATION CONTROL PLAN CHECKLIST

The following items shall be incorporated with respect to specific site conditions, in an erosion and sedimentation control plan.

LOCATION INFORMATION

- ___ Project location
- ___ Roads, streets, adjoining lakes, streams or other major drainage ways
- ___ North arrow
- ___ Scale

GENERAL SITE FEATURES

- ___ Legend
- ___ Property lines, easements, tract boundaries
- ___ Existing & proposed contours
- ___ Limit and acreage of disturbed area
- ___ Planned and existing building locations and elevations
- ___ Lot and/or building numbers
- ___ Land use of surrounding area
- ___ Rock outcrops, seeps or springs
- ___ Wetland limits, streams, lakes, ponds, drainage ways, dams
- ___ Stockpiled topsoil or subsoil locations
- ___ Street profiles

SITE DRAINAGE FEATURES

- ___ Existing and planned drainage patterns (include off-site areas that drain through the project)
- ___ Size of areas to be disturbed (acreage)
- ___ Size and location of culverts and sewers
- ___ Construction details for culverts, storm sewers, energy dissipaters below culvert and storm sewer outlets, rip-rap aprons
- ___ Soils information (type, special characteristics)
- ___ Names of receiving watercourse or name of municipal operator (only where stormwater discharges are to occur)

DESIGN CALCULATIONS

- ___ peak discharges of runoff (including the construction phase and final runoff coefficients of the site)
- ___ culverts and sewers
- ___ cross sections and method of stabilization of existing and planned channels (include temporary linings)
- ___ rip-rap aprons include stone sizes (diameters and apron dimensions)

EROSION CONTROL MEASURES

- ___ Location of temporary and permanent measures
- ___ Construction drawings and details for temporary and permanent measures
- ___ Design calculations for sediment basins and other measures
- ___ Maintenance requirements during construction
- ___ Person responsible for maintenance during construction
- ___ Maintenance requirements and responsible person(s) of permanent measures
- ___ Dewater from the surface

VEGETATIVE STABILIZATION

- ___ Areas and acreage to be vegetatively stabilized
- ___ install ground cover within NCG0100 time frame
- ___ Planned vegetation with details of plants, seed, mulch, and fertilizer
- ___ Specifications for permanent and temporary vegetation
- ___ Method of soil preparation

OTHER REQUIREMENTS

- ___ Narrative describing construction sequence, nature and purpose of construction activity
- ___ Completed Financial Responsibility/Ownership Form (to be signed by person financially responsible for project)
- ___ Construction sequence related to sedimentation and erosion control (include installation of critical measures prior to initiation of land disturbing activities and removal of measures after areas they serve have been permanently stabilized)
- ___ Materials Handling and BMP Operations & Maintenance requirements

NCG0100 Construction General Permit coverage

Sediment basin outlet structures treating > 1 acre must withdraw from the surface

Ground cover required on slopes within 7 or 14 days

include Materials Handling requirements

include Operations & Maintenance requirements

<https://deq.nc.gov/about/divisions/energy-mineral-land-resources/energy-mineral-land-permits/stormwater-permits/construction-sw>